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Roger MyLink

Technical Data



Roger MyLink is a universal inductive neckloop receiver that brings industry-leading speech-in-noise performance to any person with hearing loss.

Simply connect Roger MyLink with a Roger wireless microphone. Roger MyLink is compatible with all hearing instruments and cochlear implants that feature a T-Coil, including ITE and micro sized BTEs.

Roger MyLink features

- Additional adaptive gain
- Effective stand-by mode
- Rechargeable built-in battery
- Over 10 hours operating time
- Headphone output
- Check to read device data via Roger inspiro
- Link quality measurement

What is Roger

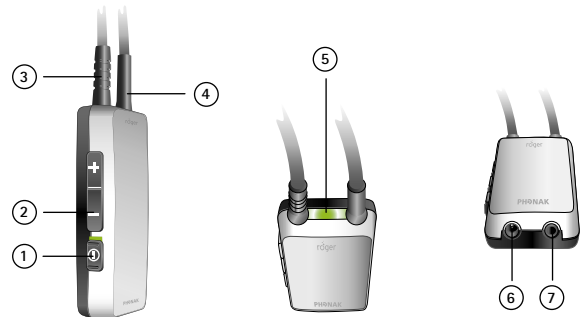
Roger is the new digital standard that bridges the understanding gap, in noise and over distance, by wirelessly transmitting the speaker's voice directly to the listener.

Indicator light

- ① Battery almost exhausted
- ② Battery completely exhausted
- ③ Charging in progress
- ④ Charging completed
- ⑤ Volume control: minimum / maximum position
- ⑥ Volume control: middle position

Description

- ① On / off
- ② Volume control
- ③ Detachable side of the neckloop
- ④ Fixed side of the neckloop
- ⑤ Indicator light (LED)
- ⑥ Charging socket
- ⑦ Headphone socket (2.5 mm)



General data

Type:	Universal inductive Roger receiver Operates with Roger inspiro
Dimensions without neckloop (L x W x H):	66 x 29 x 12 mm / 2.60 x 1.14 x 0.47 inch
Length of standard loop:	760 mm / 30 inches
Length of short loop:	560 mm / 22 inches
Weight (including standard loop):	42 g / 0.09 lb
Operating conditions:	The product has been designed for trouble-free operation without restrictions when used as intended, unless otherwise stated in the user guide. 0° to +40° Celsius, +32° to +104° Fahrenheit and relative humidity < 95% (non condensing)
Transport and storage conditions:	-20° to +60° Celsius, -4° to +140° Fahrenheit and relative humidity of 90% for a long period of time

Roger characteristics

Frequency:	2.4 GHz including adaptive automatic frequency hopping
Transmission delay:	< 20 ms
Antenna:	Built-in antenna
Backlink RF power:	< 10 mW / MHz

Audio characteristics

Audio bandwidth:	100 Hz – 5.5 kHz
Distortion:	< 2% for $f_{mod} = 1$ kHz
Magnetic field strength:	1.25 A / m 150 mm above the center loop (transmitter in compression, $f_{mod} = 1$ kHz, surrounding noise level < 58 dB SPL)
Additional adaptive audio gain:	Up to 20 dB
Level of headphone output:	150 mV at 32 Ohm (transmitter in compression, $f_{mod} = 1$ kHz, surrounding noise level < 58 dB SPL)
Headphone connector:	Jack 2.5 mm / 0.1 inch

Power and battery information

Battery information:	
Type:	Lithium Polymer 3.7 V DC Embedded, not removable Capacity: 250 mAh (typ.) Charging time: 2 hours (typ.)
Operating time:	> 10 hours
Charging information:	
Input voltage:	7.5VDC, stabilized Circular connector, 1.1 / 3 mm, inner pole positive Input current: max. 260 mA The battery cannot be over-charged. It may become warm during charging

Standards

Radiocom:	EN 300 328 FCC part 15.249
EMC:	EN 60601-1-2 FCC part 15b

